

IN THE CLAIMS:

- 1 1. (Currently Amended) ~~An ballistic panel~~ A ballistic panel for providing ballistic
2 protection, the panel comprising a plurality of deformable pieces that are arranged side-
3 by-side and detachably retained into the panel in a manner that a piece impinged by a
4 projectile becomes attached to the projectile and removed from the panel, whereby the
5 size and shape of the projectile is increased by the attachment of the piece in order to be
6 more easily stopped by any further panel provided for stopping the projectile.
- 1 2. (Original) The panel of claim 1, wherein the pieces are arranged in at least one plane.
- 1 3. (Original) The panel of claim 1, wherein the plurality of pieces is a plurality of compact
2 ballistic units that are arranged into a side-by-side pattern and compacted into a dense
3 panel, wherein each ballistic unit comprises a plurality of fibers arranged into a bundle
4 that is folded and entangled into a compact mass of fibers.
- 1 4. (Original) The panel of claim 3, wherein each compact ballistic unit comprises a bundle
2 of fibers that is folded and entangled into a knot.
- 1 5. (Original) The panel of claim 1, wherein the pieces form part of at least one high-tensile
2 strength fabric out into said pieces.
- 1 6. (Original) The panel of claim 5, wherein the at lest one high-tensile strength fabric
2 comprises a plurality of fabric sheets arranged into a pattern in that the pieces of a fabric
3 sheet are offset relative the pieces of any adjacent fabric sheet.

- 1 7. (Original) The panel of claim 5, wherein the high-tensile strength fabric is made of
2 polymeric threads selected from the group comprising aramid threads, polyester threads,
3 synthetic threads, aramid fibers, ultra high resistance polyethylene fabric, thread fibers,
4 and mixtures thereof.
- 1 8. (Withdrawn) The panel of claim 1, wherein the plurality of pieces is a plurality of side-
2 by-side arranged ring members, each ring member defining an inner diameter smaller
3 than an outer maximum dimension of the projectile.
- 1 9. (Withdrawn) The panel of claim 8, wherein each ring member is selected from the group
2 comprising lock washers, tooth washers, spring washers, rings, spring coil, and clock-
3 shaped spring and mixtures thereof.
- 1 10. (Withdrawn) The panel of claim 8, wherein the ring members are connected to each other
2 and arranged into at least one plane.
- 1 11. (Withdrawn) The panel of claim 8, wherein the ring members are arranged side-by-side
2 in more than one adjacent planes in a manner that the ring members of one plane are
3 offset of the ring members of the adjacent plane.
- 1 12. (Original) The panel of claim 1, wherein the deformable pieces are arranged side-by-side
2 into material selected from the group comprising cardboard, rubber, polymers, plastics,
3 EVA, composites.
- 1 13. (Withdrawn) The panel of claim 8, wherein the projectile is provided with a piercing tip
2 having a minor dimension and the inner diameter of the ring member is larger than the
3 minor dimension of the projectile member, for blocking the piercing tip.

1 14. (Original) The panel of claim 3, wherein the fibers of the ballistic units are made of
2 polymeric threads selected from the group comprising aramid threads, polyester threads,
3 synthetic threads, aramid fibers, ultra high resistance polyethylene fibers, thread fibers,
4 and mixtures thereof.

1 15. (Original) A ballistic armored assembly for providing ballistic protection, the assembly
2 comprising:

3 i. at least one ballistic panel comprising a plurality of side-by-side deformable
4 pieces that are detachably retained into the panel in a manner that a piece impinged by a
5 projectile is removed from the panel and attached to the projectile, whereby the size and
6 shape of the projectile is increased by the attachment of the piece;and

7 ii. at least one projectile-stopping panel for stopping the projectile having said
8 increased size and shape.

1 16. (Original) The assembly of claim 15, wherein the assembly has front side and a rear side
2 and the at least one ballistic panel is located at least at the front side for receiving the
3 impinging projectile and the at least one projectile-stopping panel is located at least at the
4 rear side for stopping the projectile having the increased size and shape after passing
5 through the ballistic panel.

1 17. (Original) The assembly of claim 16, wherein the projectile-stopping panel is a projectile-
2 trapping panel and the plurality of pieces is a plurality of compact ballistic units that are
3 arranged into a side-by-side pattern and compacted into a dense panel, wherein each
4 ballistic unit comprises a plurality of fibers arranged into a bundle that is folded and
5 entangled into a compact mass of fibers.

- 1 18 (Original) The assembly of claim 17, wherein the fibers of the ballistic units are made of
2 polymeric threads selected from the group comprising aramid threads, polyester threads,
3 synthetic threads, aramid fibers, ultra high resistance polyethylene fibers, thread fibers
4 and mixtures thereof.
- 1 19 (Original) The assembly of claim 16, wherein the projectile-stopping panel is a projectile-
2 trapping panel and the pieces form part of at least one high-tensile strength fabric cut into
3 said pieces, the fabric being made aramid threads, polyester threads, synthetic threads,
4 aramid fibers, ultra high resistance polyethylene fibers, thread fibers and mixtures
5 thereof.
- 1 20. (Original) The assembly of claim 19, wherein the at least one high-tensile strength fabric
2 comprises a plurality of fabric sheets arranged into a pattern that the pieces of a fabric
3 sheet are offset relative the pieces of any adjacent fabric sheet.
- 1 21. (Withdrawn) The assembly of claim 16, wherein the projectile-stopping panel is a
2 projectile-trapping panel and the plurality of pieces is a plurality of side-by-side arranged
3 ring members, each ring member defining an inner diameter smaller than an outer
4 maximum dimension of the projectile.
- 1 22. (Withdrawn) The assembly of claim 21, wherein each ring member is selected from the
2 group comprising lock washers, tooth washers, spring washers, rings, spring coil, sand
3 clock-shaped spring and mixtures thereof.
- 1 23. (Withdrawn) The assembly of claim 22, wherein the ring members are connected to each
2 other and arranged into at least one plane.

- 1 24. (Withdrawn) The assembly of claim 21, wherein the ring members are arranged side-by-
2 side in more than one adjacent planes in a manner that the ring members of one plane are
3 offset of the ring members of the adjacent plane.
- 1 25. (Original) The assembly of claim 15, wherein the deformable pieces are arranged side-
2 by-side into a material selected from the group comprising cardboard, rubber, polymers,
3 plastics, EVA, composites.
- 1 26. (Withdrawn) The assembly of claim 21, wherein the projectile is provided with a piercing
2 tip having a minor dimension and the inner diameter of the ring member is larger than the
3 minor dimension of the projectile member, for blocking the piercing tip.
- 1 27. (Original) The assembly of claim 16, wherein the panels form a pack with the panels
2 attached to each other.
- 1 28. (Original) The assembly of claim 27, wherein at least one impact cushioning panel is
2 provided at the rear side.
- 1 29. (Original) The assembly of claim 16, wherein the projectile-stopping panel is a projectile-
2 trapping panel comprised of a compacted mass of loosely-entangled fibers, whereby the
3 projectile having said increased size and shape is more easily stopped by the projectile-
4 trapping panel.
- 1 30. (Original) The assembly of claim 29, wherein the fibers of the at least one projectile-
2 trapping panel are formed from polymeric threads selected from the group comprising
3 aramid threads, polyester threads, synthetic threads, aramid fibers, ultra high resistance
4 polyethylene fibers, thread fibers and mixtures thereof.

1 31. (Original) The assembly of claim 29, wherein the fibers of the projectile-trapping panel
2 are wrapped around a core support to form said at least one projectile-trapping panel.

1 32. (Original) The assembly of claim 29, wherein the fibers of the projectile-trapping panel
2 are confined into an outer cover.

1 33. (Original) The assembly of claim 29, wherein the at least one projectile-trapping panel is
2 a panel compacted into a press.

34. (Original) The assembly of claim 29, wherein the at least one projectile-trapping panel is
a panel compacted by extracting any air in the mass of entangled fibers by means of a
vacuum chamber.